



# 2000 Toxics Release Inventory

## ALABAMA

### Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	62,480,835	72,697,611	135,178,446
Air Emissions	47,409,616	33,755,989	81,165,605
Surface Water Discharges	6,634,821	223,431	6,858,252
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	5	154,019	154,024
On-site Land Releases to RCRA Subtitle C Landfills	30,171	20,859,447	20,889,618
Other On-site Land Releases	8,406,222	17,704,726	26,110,948
Off-site Releases (Transfers Off-site to Disposal)*	14,848,750	609,508	15,458,258
<b>Total On- and Off-site Releases</b>	<b>77,329,585</b>	<b>73,307,119</b>	<b>150,636,704</b>
Recycled On-site	2,313,571,322	2,178,285	2,315,749,607
Recycled Off-site	48,441,526	129,154	48,570,680
Energy Recovery On-site	43,936,825	0	43,936,825
Energy Recovery Off-site	29,907,821	761,604	30,669,425
Treated On-site	266,769,665	11,809,739	278,579,404
Treated Off-site**	25,396,583	306,449	25,703,032
Quantity Released On- and Off-site***	80,318,697	73,835,166	154,153,863
<b>Total Production-related Waste Managed</b>	<b>2,808,342,440</b>	<b>89,020,397</b>	<b>2,897,362,837</b>
<b>Non-production-related Waste Managed</b>	<b>376,182</b>	<b>1</b>	<b>376,183</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	44,179,803	131,300	44,311,103
Energy Recovery	31,339,506	597,563	31,937,069
Treatment	17,221,846	131,709	17,353,555
Publicly Owned Treatment Works (POTWs)	5,121,145	1	5,121,146
Metals and Metal Compounds*	17,463	0	17,463
Non-metal TRI Chemicals**	5,103,682	1	5,103,683
Other Off-site Transfers****	207,800	500	208,300
Transfers Off-site to Disposal (not including metals to POTWs)	19,794,594	622,182	20,416,776
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>117,864,694</b>	<b>1,483,255</b>	<b>119,347,949</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

#### State Contact

Kirk Chandler  
P.O. Box 301463  
Montgomery, AL 36130-1463  
(334) 260-2717  
Fax: (334) 272-8131  
KFC@adem.state.al.us

#### EPA Contact

Ezequiel Velez  
Atlanta Federal Center  
61 Forsyth Street, S.W.  
Atlanta, GA 30303  
(404) 562-9191  
velez.ezequiel@epa.gov

To obtain TRI data use  
assistance, call TRI User  
Support Service (TRI-US):  
(202) 566-0250  
Fax: (202) 401-2347  
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Alabama. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	4,451,493
Square Miles	50,750
Total Facilities	542
Total Forms	2,336
Form As	310

	Original Industry	New Industry	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	9	11	12
Pounds	77,329,585	73,307,119	150,636,704
<b>National Rank for Total On-site Releases**</b>			
Rank	11	9	13
Pounds	62,480,835	72,697,611	135,178,446
<b>National Rank for Total Releases within State***</b>			
Rank	11	12	14
Pounds	72,978,319	73,019,299	145,997,618
<b>National Rank for Production-related Waste Managed</b>			
Rank	3	18	3
Pounds	2,808,342,440	89,020,397	2,897,362,837

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 2000 Toxics Release Inventory

## ALABAMA

### On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	28,492,683	0	0	0	17,348	28,510,031	0	0	17,348
—	Nitrate compounds	1,810	5,145,106	0	20,040	7,899,386	13,066,342	6	9,328	7,890,058
—	Copper compounds	25,437	21,433	0	12,406,258	183,103	12,636,231	597,263	126,961	56,363
—	Barium compounds	101,319	155,749	98,000	11,633,990	298,875	12,287,933	52,976	341,214	14,687
67-56-1	Methanol	10,778,179	97,207	0	93,330	853,467	11,822,183	3,271	8,267	845,332

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
1336-36-3	Polychlorinated biphenyls (PCBs)	167.62	0.00	0.00	530,700.00	0.00	530,867.62	3,775.32	48.10	0.00
—	Polycyclic aromatic compounds	20,584.88	503.03	0.00	14,509.27	56,646.17	92,243.35	28.01	34,851.80	21,794.37
—	Mercury compounds	4,887.27	48.82	19.00	33,612.24	1,940.40	40,507.73	7,546.05	21.40	1,927.00
1582-09-8	Trifluralin	3.10	0.00	0.00	9,978.00	0.00	9,981.10	170.00	0.00	0.00
57-74-9	Chlordane	2.00	0.00	0.00	6,530.00	0.00	6,532.00	0.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	5,570.96	3.91	0.00	760.12	162.56	6,497.55	0.00	145.82	16.74
8001-35-2	Toxaphene	0.00	0.00	0.00	2,766.00	0.00	2,766.00	0.00	0.00	0.00
7439-97-6	Mercury	1,703.96	2.50	0.00	118.41	490.45	2,315.32	548.12	131.65	358.80
79-94-7	Tetrabromobisphenol A	1,136.00	0.00	0.00	0.00	0.00	1,136.00	0.00	0.00	0.00
118-74-1	Hexachlorobenzene	0.04	0.00	0.00	737.00	22.00	759.04	44.00	8.00	14.00
608-93-5	Pentachlorobenzene	0.00	0.00	0.00	612.00	0.00	612.00	0.00	0.00	0.00
72-43-5	Methoxychlor	0.00	0.00	0.00	236.00	0.00	236.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	1.99	0.29	0.00	0.07	0.20	2.54	8.32	0.08	0.12
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>902.253</i>	<i>130.657</i>	<i>0.000</i>	<i>31.344</i>	<i>89.775</i>	<i>1,154.028</i>	<i>3,772.346</i>	<i>35.504</i>	<i>54.271</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

\*\*\* No reports were submitted for these chemicals.



# 2000 Toxics Release Inventory

## ALABAMA

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management, Emelle, Sumter	5,126	0	0	0	20,859,447	0	20,864,573	88,852	306,287
Acordis Cellulosic Fibers Inc., Axis, Mobile	11,259,970	21,780	0	0	0	296,000	11,577,750	0	0
Alabama Power Co. Plant Greene County, Forkland, Greene	9,545,155	6,456	0	0	0	826,775	10,378,386	5	0
Alabama Power Co. Plant Gaston, Wilsonville, Shelby	4,025,004	39,614	0	0	0	4,667,103	8,731,721	0	0
U.S. TVA Colbert Fossil Plant, Tuscumbia, Colbert	5,249,909	9,134	0	0	0	1,975,859	7,234,901	1,035	0
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	4,626,792	81,924	0	0	0	2,316,257	7,024,973	41,157	0
Alabama Power Co. Plant Barry, Bucks, Mobile	4,845,455	13,970	0	0	0	1,616,802	6,476,227	0	0
Alabama Power Co. Plant Gorgas, Parrish, Walker	2,711,815	19,195	0	0	0	2,439,386	5,170,396	0	0
Alabama Power Co. Plant Miller, Quinton, Jefferson	1,311,466	8,754	0	0	0	3,546,228	4,866,447	5	0
Solutia Inc., Decatur, Morgan	1,441,483	1,579,942	0	0	0	0	3,021,425	48,440	0

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management, Emelle, Sumter	172.24	0.00	0.00	0.00	596,149.02	0.00	596,321.26	52.00	1,905.00
Decatur Transit Inc., Decatur, Morgan	15,144.00	0.00	0.00	0.00	0.00	0.00	15,144.00	0.00	0.00
Russell Corp., Alexander city, Tallapoosa	3,570.00	0.00	0.00	0.00	0.00	0.00	3,570.00	0.00	0.00
3M, Decatur, Morgan	2,100.00	0.00	0.00	0.00	0.00	0.00	2,100.00	0.00	0.00
Alabama Power Co. Plant Miller, Quinton, Jefferson	1,405.50	0.00	0.00	0.00	0.00	204.80	1,610.30	0.00	0.00
Koppers Inds. Inc. Woodward Tar Plant, Dolomite, Jefferson	1,391.00	66.00	0.00	0.00	0.00	0.00	1,457.00	0.00	0.00
Alabama Power Co. Plant Gaston, Wilsonville, Shelby	870.00	0.00	0.00	0.00	0.00	209.00	1,079.00	0.00	0.00
Occidental Chemical Corp., Muscle Shoals, Colbert	1,074.70	2.50	0.00	0.00	0.00	0.00	1,077.20	0.00	358.80
Black Warrior Roofing, Tuscaloosa, Tuscaloosa	274.00	0.00	0.00	0.00	0.00	564.00	838.00	564.00	0.00
Elk Corp. of Alabama, Tuscaloosa, Tuscaloosa	3.35	0.00	0.00	0.00	0.00	768.00	771.35	0.00	0.00

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 2000 Toxics Release Inventory

## ALABAMA

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management, Emelle, Sumter	0	0	0	0	0	306,449	21,066,748	21,373,197	0
Acordis Cellulosic Fibers Inc., Axis, Mobile	19,490,000	0	0	0	812,000	0	11,619,000	31,921,000	0
Alabama Power Co. Plant Greene County, Forkland, Greene	0	0	0	0	0	0	10,378,388	10,378,388	0
Alabama Power Co. Plant Gaston, Wilsonville, Shelby	0	0	0	0	0	0	8,731,721	8,731,721	0
UOP L.L.C., Chickasaw, Mobile	0	0	0	0	89,100	0	8,540,490	8,629,590	0
U.S. TVA Colbert Fossil Plant, Tuscumbia, Colbert	0	0	0	0	773,000	0	7,246,392	8,019,392	0
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	0	0	0	0	7,706,000	0	7,048,729	14,754,729	0
Alabama Power Co. Plant Barry, Bucks, Mobile	0	0	0	0	0	0	6,476,227	6,476,227	0
Alabama Power Co. Plant Gorgas, Parrish, Walker	0	0	0	0	0	0	5,170,385	5,170,385	0
Alabama Power Co. Plant Miller, Quinton, Jefferson	0	0	0	0	0	0	4,866,451	4,866,451	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management, Emelle, Sumter	0	0	0	0	0	10,849	608,965	619,814	0
Michelin N.A. Inc., Opelika, Lee	100,000	8,400	0	0	0	0	33,000	141,400	0
Michelin N.A. Inc., Tuscaloosa, Tuscaloosa	82,000	31,000	0	0	0	0	19,000	132,000	0
Decatur Transit Inc., Decatur, Morgan	0	0	0	0	0	0	15,144	15,144	0
Russell Corp., Alexander City, Tallapoosa	0	0	0	0	0	0	3,570	3,570	0
Michelin N.A. Inc., Dothan, Dale	38,000	3,500	0	0	0	0	2,200	43,700	0
3M, Decatur, Morgan	0	0	0	0	0	0	2,100	2,100	0
Alabama Power Co. Plant Miller, Quinton, Jefferson	0	0	0	0	0	0	1,610	1,610	0
Koppers Inds. Inc. Woodward Tar Plant, Dolomite, Jefferson	35,900	0	0	0	13,500	2,852	1,497	53,749	0
Occidental Chemical Corp., Muscle Shoals, Colbert	20,000	0	0	0	0	0	1,436	21,436	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.